

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/530,972
				Filing Date	12-05-2005
				First Named Inventor	Shawn DEFREES
				Group Art Unit	1654
				Examiner Name	HEARD, Thomas S.
Sheet	1	of	3	Attorney Docket Number	101961-01-5083-US01

U.S. PATENT DOCUMENTS				
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code (if known)		
	2004/0063911	A1	DeFrees et al.	04-01-2004
	2004/0137557	A1	DeFrees et al.	July 15, 2004
	2005/0118672	A1	DeFrees et al.	06-02-2005
	2005/0143292	A1	DeFrees et al.	June 30, 2005
	2006/0024286	A1	Glidden	02-02-2006
	2006/0111279	A1	DeFrees et al.	May 25, 2006
	2007/0027068	A1	DeFrees et al.	02-01-2007
	2007/0105755	A1	DeFrees et al.	05-10-2007
	2008/0015142	A1	DeFrees et al.	01-17-2008
	4,879,236		Smith et al.	11-07-1989
	5,147,788		Page et al.	09-15-1992
	5,194,376	A	Kang	03-16-1993
	5,635,603		Hansen et al.	06-03-1997
	5,646,113		Attie et al.	07-08-1997
	6,531,121	B2	Brines et al.	03-11-2003
	7,125,843		DeFrees et al.	Oct. 24, 2006
	7,138,371	B2	DeFrees et al.	11-21-2006
	7,214,660		DeFrees et al.	May 8, 2007
	7,338,933	B2	DeFrees et al.	03-04-2008
	7,405,198	B2	DeFrees et al.	07-29-2008

FOREIGN PATENT DOCUMENTS						
Exr Initials	Foreign Patent Document			Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sub>1</sub>
	Country Code	Number	Kind Code (if known)			
		EP 1428878	A1	Bavand et al.	06-16-2004	
		WO 90/08164	A1	Garlick, et al.	07-26-1990	
		WO 90/08823	A1	Parcells, et al.	08-09-1990	
		WO 96/21469	A1	Harris, et al.	07-18-1996	
		WO 99/45964	A1	Harris, et al.	09-16-1999	
		WO 00/26354	A1	Olsen, et al.	05-11-2000	
		WO 02/092619	A2	Loh, et al.	11-21-2002	
		WO 02/53580	A2	The Kenneth S. Warren Institute, Inc.	07-11-2002	
		WO 04/033651	A2	De Frees, et al.	04-22-2004	
		WO 04/10327	A2	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	01-29-2004	
		WO 04/103275	A2	DeFrees	12-02-2004	
		WO 04/96148	A2	The Kenneth S. Warren Institute, Inc.	11-11-2004	
		WO 05/121331	A2	Neose Technologies, Inc.	12-22-2005	
		WO 05/25606	A1	Warren Pharmaceuticals, Inc.; The	03-24-2005	

Examiner Signature		Date Considered	
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				Kenneth S. Warren Institute, Inc.		
		WO 05/67601	A2	Neose Technologies, Inc.	07-28-2005	
		WO 05/70138	A2	Neose Technologies, Inc.	08-04-2005	
		WO 06/031811	A2	De Frees, et al.	03-23-2006	
		WO 06/14349	A2	The Kenneth S. Warren Institute, Inc.	02-09-2006	
		WO 06/14466	A2	The Kenneth S. Warren Institute, Inc.	02-09-2006	
		WO 06/74279	A1	Neose Technologies, Inc.	07-13-2006	
		WO 06/78645	A2	Neose Technologies, Inc.	07-27-2006	
		WO 08/11633	A2	Neose Technologies, Inc.	01-24-2008	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exr Initials	Include Name of Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sub>1</sub>	
	Alam et al., 1998, Journal of Biotechnology. 65: 183-190.		
	Bedard et al., 1994, Cytotechnology 15:129-138.		
	Bennett et al., 1998, J. Biol. Chem. 273:30472-30481.		
	Bennett et al., 1999, FEBS Letters 460:226-230.		
	Bork (2000) Genome Research 10:398-400.		
	Bork et al. (1996) Trends in Genetics 12(10): 425-427.		
	Brenner (1999) Trends in Genetics 15(4) 132-133.		
	Doerks et al. (1998) Trends in Genetics 14(6): 248-250.		
	Fritz et al., 2004, PNAS 101(43):15307-15312.		
	Fritz et al., 2006, J. Biol. Chem. 281(13):8613-8619.		
	Gilbert et al., 1996, Cytotechnology 22:211-216.		
	Hagen et al., 1999, J. Biol. Chem. 274:27867-27874.		
	Hagen et al., 1999, J. Biol. Chem. 274:6797-6803.		
	Hagen et al., 2001, J. Biol. Chem. 276:17395-17404.		
	Harris et al., Abstracts of Papers of the American Chemical Society, 1991, V 201, APR, P 64-POLY, page 154-155.		
	Hassan et al., 2000, J. Biol. Chem. 275:38197-38205.		
	Hink et al., 1991, Biotechnology Progress 7:9-14.		
	Hollister et al., 2001, Glycobiology 11:1-9		
	Ikonomou et al., 1991, In Vitro Cell. Dev. Biol.-Animal 37:549-559.		
	Inlow, et al., 1989, J. Tissue Culture Meth. 12:13-16.		
	Lau et al. (1999) Journal of Biotechnology 75:105-115.		
	Licari P. et al., 1992, Biotechnology and Bioengineering 39(4):432-441.		
	Licari P. et al., 1992, Biotechnology and Bioengineering 39(9):932-944.		
	NCBI - Accession No. NCAA26095 (2 pgs.)		
	NCBI - Accession No. NP_058697 (3 pgs.)		
	NCBI - Accession No. NP_999299 (2 pgs.)		
	NCBI Database hits for erythropoietin protein sequences (3 pgs.)		
	Ngo et al. (1994) "The Protein Folding Problem and Tertiary Structure Prediction, Chapter 14: Computational Complexity Protein Structure Prediction, and the Levinthal Paradox" pp. 433-440 and 492-495.		
	Oetke, et al., 2002, J. Biol. Chem 277(8):6688-6695		
	PNGase-F Amidase Sequence from F. Meningosepticum (Registry numbers 128688-70-0)		
	PNGase-F Amidase Sequence from F. Meningosepticum (Registry numbers 128688-71-1)		
	Reis et al., 1991, Biotechnology and Bioengineering 38:413-422.		
	Sandberg et al., 2000, Seminars in Hematology 38(2):4-12.		

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<b>Sheet</b>	3	of	3	<b>Attorney Docket Number</b>	101961-01-5083-US01

	Schlaeger, E., 1996, Cytotechnology 20:57-70.	
	Schwientek et al., 2002, J. Biol. Chem. 277:22623-22638.	
	Skolnick et al. (2000) Trends in Biotech. 18(1): 34-39.	
	Smith et al. (1997) Nature Biotechnology 15:1222-1223.	
	Tenno et al., 2002, J. Biol. Chem. 277(49):47088-96.	
	Wells (1990) Biochemistry 29(37): 8509-8517.	

DB2/21109765.1

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